



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
|-------------------------|-------------|----------------------|---------------------|------------------|
| 09/992,352 | 11/13/2001 | Ross J. Boyert | 2103270-991110 | 7169 |
| 758 | 7590 | 06/21/2007 | EXAMINER | |
| FENWICK & WEST LLP | | | CHOI, PETER H | |
| SILICON VALLEY CENTER | | | ART UNIT | |
| 801 CALIFORNIA STREET | | | PAPER NUMBER | |
| MOUNTAIN VIEW, CA 94041 | | | 3623 | |
| | | | MAIL DATE | DELIVERY MODE |
| | | | 06/21/2007 | PAPER |

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

| | | | | |
|------------------------------|------------------------|--|---------------------|--|
| Office Action Summary | Application No. | | Applicant(s) | |
| | 09/992,352 | | BOYERT ET AL. | |
| | Examiner | | Art Unit | |
| | Peter Choi | | 3623 | |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 23 March 2007.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-24, 33-46 and 53-62 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-24, 33-46 and 53-62 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) Paper No(s)/Mail Date: _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date: _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on March 23, 2007 has been entered.
2. The following is a **NON-FINAL** office action upon examination of application number 09/992,352. No claims have been canceled or amended, and new claim 62 was added in the amendment received March 23, 2007. Claims 1-24, 33-46, and 53-62 are pending in the application and have been examined on the merits discussed below.

Response to Arguments

3. Applicant's arguments filed March 23, 2007 have been fully considered but they are not persuasive.

Applicant argues that the Murphy article does not predate the December 22, 2000 priority date of the instant application. Applicants note that the Murphy article includes a copyright notice from 2002.

The Examiner respectfully disagrees. The Examiner has asserted that Murphy was published in August 2000, and not in 2002, as suggested by the Applicant. As further evidence, the Examiner provides a photocopied version of the Murphy article, taken directed from the August 2000 issue of Global Logistics & Supply Chain Strategies (attached as reference 1-U).

Official Notice

4. In the previous Office Action mailed March 10, 2006, notice was taken by the Examiner that certain subject matter is old and well known in the art. Per MPEP 2144.03(c), these statements are taken as admitted prior art because no traversal of this statement was made in the subsequent response. Specifically, it has been taken as prior art that:

- It is old and well known in the art for vehicles to bear an identifier of an entity associated with a delivery site
- It is old and well known in the art to use transport vehicles with sufficient space to transport the items that comprise a customer's order
- It is old and well known in the art to use transport vehicles with sufficient space to transport the items that comprise a customer's order
- It is old and well known in the arts for returned goods to be restocked or returned to its source of origin
- The step of returning goods to the selling company/merchant is old and well known in the art

Art Unit: 3623

- Returning goods at the delivery destination would be equivalent to returning goods to a brick and mortar store, as said destination acts as an extension of the company's store
- Delivery vehicles inevitably return to a company-owned facility, and any return goods provided to said delivery vehicles will expeditiously returned to the company for return/refund/replacement processing

Claim Rejections - 35 USC § 102

5. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

6. Claims 1-14, 16-24, 33, 35, 37-41, 43, 45-46, 53-55, 57-58, and 60-62 are rejected under 35 U.S.C. 102(a) as being anticipated by Jean Murphy's "Webvan: Rewriting The Rules On 'Last Mile' Delivery" (referred to hereafter as Webvan).

As per claim 1, Webvan teaches a distribution method comprising:

(a) receiving orders from ones of a group of purchasers (**orders come into the WMS system via the PeopleSoft Gateway software used by Webvan**) for delivery to a delivery site associated with said group of purchasers during a pre-arranged time period associated with said group of purchasers (**Webvan's core activity is selling and delivering grocery and non-prescription drug products;**

Art Unit: 3623

students order from Webvan and then pick up their orders at pre-established points. "We have Webvan stops on campus and, for example, on Tuesdays between noon and 3:00, we're there with all the orders for people who live in that part of campus.") [Paragraphs 3, 22, 5B]; and

(b) transporting goods associated with said orders to said delivery site for pick-up by said ones of said group of purchasers **(Webvan's core activity is selling and delivering grocery and non-prescription drug products; students order from Webvan and then pick up their orders at pre-established points)** [Paragraphs 3, 5B].

As per claim 2, Webvan teaches the distribution method of claim 1 wherein the orders are received via the Internet **(Webvan's online grocery business; orders come into the WMS system via the PeopleSoft Gateway software used by Webvan)** [Paragraphs 5, 22].

As per claim 3, Webvan teaches the distribution method of claim 1 wherein the transporting of goods are by dedicated delivery vehicles **(Webvan is leasing a fleet of trucks and vans)** [Paragraph 5].

As per claim 4, Webvan teaches the distribution method of claim 3 wherein the orders are received via the Internet **(Webvan's online grocery business; orders**

Art Unit: 3623

come into the **WMS system via the PeopleSoft Gateway software used by Webvan**) [Paragraphs 5, 22].

As per claim 5, Webvan teaches the distribution method of claim 1 further comprising transporting goods from the delivery site **{Webvan has pre-established delivery points/stops on the campus of Stanford University}** to a secondary delivery site **{once the customer picks up their order from the delivery site, they inevitably transport their order to a new location, such as their home, office, etc.}** [Paragraph 5B].

As per claim 6, Webvan teaches the distribution method of claim 1 wherein the pick-up is during a time period that is pre-arranged relative to the delivery site and not pre-arranged by ones of the group of purchasers **{Stanford University has Webvan stops on campus and, for example, on Tuesdays between noon and 3:00, Webvan is at each Webvan stop with all the orders for people who live in that part of campus}** [Paragraph 5B].

As per claim 7, Webvan teaches a distribution method comprising the steps of:

- (a) establishing an interface for the selection and ordering of goods **({provided by} the PeopleSoft Gateway software used by Webvan)** [Paragraph 22];
- (b) establishing at least one selected collective delivery site that is convenient for a particular group of prospective purchasers **(Stanford University students order**

Art Unit: 3623

from Webvan and then pick up their orders at pre-established points) [Paragraph 5B];

(c) taking orders from members of the group of purchasers (**orders come into the WMS system via the PeopleSoft Gateway software used by Webvan**) for delivery to the delivery site during a pre-arranged time period [Paragraph 22]; and

(d) delivering the orders by dedicated delivery mechanism to the delivery site for pick up by the customers during the pre-arranged time period **{Stanford University has Webvan stops on campus and, for example, on Tuesdays between noon and 3:00, Webvan is at each Webvan stop with all the orders for people who live in that part of campus}** [Paragraph 5B].

As per claim 8, Webvan teaches the method as defined in claim 7 wherein a plurality of selected delivery points are established by pre-arrangement with a plurality of companies and organizations having numerous members and employees **{Stanford University has Webvan stops on campus and, for example, on Tuesdays between noon and 3:00, Webvan is at each Webvan stop with all the orders for people who live in that part of campus}** [Paragraph 5B].

As per claim 9, Webvan teaches the method as defined in claim 7 wherein the dedicated delivery mechanism are trucks (**Webvan is leasing a fleet of trucks and vans**) [Paragraph 5].

As per claim 10, Webvan teaches the method as defined in claim 7 wherein the goods are groceries (**Webvan's online grocery business**) [Paragraphs 5].

As per claim 11, Webvan teaches a distribution system comprising:

(a) a delivery site associated with a group of purchasers **{Stanford University has Webvan stops on campus and, for example, on Tuesdays between noon and 3:00, Webvan is at each Webvan stop with all the orders for people who live in that part of campus}** [Paragraph 5B];

(b) an order center to receive orders from one of said group of purchasers **(orders come into the WMS system via the PeopleSoft Gateway software used by Webvan)** for delivery to the delivery site during a pre-arranged time period associated with said group of purchasers [Paragraph 22];

(c) a vehicle to transport goods associated with said orders **(Webvan is leasing a fleet of trucks and vans)** to said delivery site for pick-up by said ones of said group of purchasers **(Webvan's core activity is selling and delivering grocery and non-prescription drug products; students order from Webvan and then pick up their orders at pre-established points)** [Paragraphs 3, 5, 5B].

As per claim 12, Webvan teaches the distribution system of claim 11 wherein the orders are received via the internet **(Webvan's online grocery business; orders come into the WMS system via the PeopleSoft Gateway software used by Webvan)** [Paragraphs 5, 22].

As per claim 13, Webvan teaches the distribution system of claim 11 wherein the vehicle is a dedicated delivery vehicle (**Webvan is leasing a fleet of trucks and vans**) [Paragraph 5].

As per claim 14, Webvan teaches the distribution system of claim 13 wherein the orders are received via the Internet (**Webvan's online grocery business; orders come into the WMS system via the PeopleSoft Gateway software used by Webvan**) [Paragraphs 5, 22].

As per claim 16, Webvan teaches the distribution system of claim 11 further comprising a second vehicle to transport selected ones of said goods from the delivery site to at least one secondary delivery site (**orders are trucked to strategically located transfer stations where they are moved into vans that serve specific neighborhoods; totes are placed on dollies designated for particular geographic zones, which are then rolled onto a truck that go to cross-dock stations where they are organized by route and transferred to chilled delivery vans**) [Paragraphs 14, 30-31].

As per claim 17, Webvan teaches the distribution system of claim 11 wherein the pick-up is during a time period that is pre-arranged relative to the delivery site and not pre-arranged by ones of the group of purchasers (**Stanford University has Webvan**

Art Unit: 3623

stops on campus and, for example, on Tuesdays between noon and 3:00, Webvan is at each Webvan stop with all the orders for people who live in that part of campus} [Paragraph 5B].

As per claim 18, Webvan teaches a distribution method comprising:

(a) receiving goods associated with orders **(orders come into the WMS system via the PeopleSoft Gateway software used by Webvan; from the distribution center hubs, orders are trucked to strategically located transfer stations)**, said order including a selected pre-arranged delivery point, the pre-arranged delivery point being associated with a customer associated with the order but not pre-arranged by said customer **{Stanford University has Webvan stops on campus and, for example, on Tuesdays between noon and 3:00, Webvan is at each Webvan stop with all the orders for people who live in that part of campus}** [Paragraphs 14, 22, 5B]; and

(b) delivering said goods to the pre-arranged delivery point for customer pickup **{Stanford University has Webvan stops on campus and, for example, on Tuesdays between noon and 3:00, Webvan is at each Webvan stop with all the orders for people who live in that part of campus}** [Paragraph 5B].

As per claim 19, Webvan teaches the distribution method of claim 18 wherein said delivering said goods is during a pre-arranged time period **{Stanford University has Webvan stops on campus and, for example, on Tuesdays between noon and**

Art Unit: 3623

3:00, Webvan is at each Webvan stop with all the orders for people who live in that part of campus} [Paragraph 5B].

As per claim 20, Webvan teaches the distribution method of claim 19 further comprising receiving return goods at said pre-arranged delivery point during said pre-arranged time period **(each driver, or courier, carries a wireless hand-held device that prints out a receipt and an itemized list of the order for the customer that also gives the courier access to all of the customer's back orders so if there is a complaint about a product previously delivered, the courier can check the records and give a credit on the spot; {when customers are not 100% satisfied with the quality of produce received, the next time the courier comes into the customer's home, the customer voice their dissatisfaction to the courier who can look it up and take that amount off the current bill}) [Paragraphs 41, 7C].**

As per claim 21, Webvan teaches the distribution method of claim 18 further comprising:

providing to at least one supplier at least one request for said goods in response to said orders **(Webvan sends purchase orders to harbringer.net, who takes that information, and provides fast and reliable communications with suppliers)** [Paragraph 47].

Art Unit: 3623

As per claim 22, Webvan teaches the distribution method of claim 21 wherein said delivering said goods is during a pre-arranged time period **{Stanford University has Webvan stops on campus and, for example, on Tuesdays between noon and 3:00, Webvan is at each Webvan stop with all the orders for people who live in that part of campus}** [Paragraph 5B].

As per claim 23, Webvan teaches the distribution method of claim 18 wherein the goods are received from a goods aggregation system **(the Webvan order picking system; orders are picked, scanned and placed into totes)** [Paragraphs 16-30].

As per claim 24, Webvan teaches the distribution method of claim 23 wherein said delivering said goods is during a pre-arranged time period **{Stanford University has Webvan stops on campus and, for example, on Tuesdays between noon and 3:00, Webvan is at each Webvan stop with all the orders for people who live in that part of campus}** [Paragraph 5B].

As per claim 33, Webvan teaches a distribution method comprising:

- (a) receiving a plurality of orders, each order indicative of a package of goods associated with a customer **(orders come into the WMS system via the PeopleSoft Gateway software used by Webvan)** [Paragraph 22];
- (b) receiving a plurality of groups of packaged goods, each packaged goods including the goods related to an order, each group including packaged goods having a

Art Unit: 3623

common pre-arranged destination delivery point for pickup by the customer associated with the order **(the Webvan order picking system; orders are picked, scanned and placed into totes)** [Paragraphs 16-30]; and

(c) allocating a transport vehicle for each pre-arranged destination delivery point **(vans serve specific neighborhoods)** [Paragraphs 13].

As per claim 35, Webvan teaches a delivery system comprising:

(a) a receiving site to receive a plurality of groups of packaged goods, each packaged goods including the goods related to an order, each order indicative of a package of goods associated with a customer, each group including packaged goods having a common pre-arranged destination delivery site for pickup by the customer associated with the order **(at Webvan distribution centers, orders are picked, scanned and placed into totes)** [Paragraphs 16-30]; and

(b) at least one transport vehicle to delivery to each pre-arranged destination delivery site groups of packaged goods assigned to the at least one transport vehicle **(Webvan is leasing a fleet of trucks and vans; vans serve specific neighborhoods)** [Paragraphs 5, 14].

As per claim 37, Webvan teaches a method for processing an order for goods, comprising:

(a) receiving an order for purchase of goods from a customer (**orders come into the WMS system via the PeopleSoft Gateway software used by Webvan**)

[Paragraph 22]; and

(b) providing order information and destination information to a delivery system, the destination information including a pre-arranged delivery point being associated with a customer associated with the order but not pre-arranged by the customer (**the Descartes scheduling optimizer interfaces directly with the web site**) [Paragraphs 37].

As per claim 38, Webvan teaches the method of claim 37 further comprising providing user interface information for communication with the customer (**orders come into the WMS system via the PeopleSoft Gateway software used by Webvan; the Descartes scheduling optimizer interfaces directly with the website**) [Paragraphs 22, 37].

As per claim 40, Webvan teaches an order center for processing an order for goods, comprising:

(a) a communication interface for receiving an order for purchase of goods from a customer (**orders come into the WMS system via the PeopleSoft Gateway software used by Webvan**) [Paragraph 22]; and

(b) an order processor for providing order information and destination information to a delivery system, the destination information including a pre-arranged

Art Unit: 3623

delivery point being associated with a customer associated with the order but not pre-arranged by the customer (**orders come into the WMS system via the PeopleSoft Gateway software used by Webvan**) [Paragraph 22].

As per claim 41, Webvan teaches the order center of claim 40 whereas the order processor provides user interface information via the communication interface for communication with the customer (**orders come into the WMS system via the PeopleSoft Gateway software used by Webvan; the Descartes scheduling optimizer interfaces directly with the website**) [Paragraphs 22, 37].

As per claim 43, Webvan teaches a method comprising:

- (a) receiving order information and delivery destination information associated with a plurality of customer orders (**orders come into the WMS system via the PeopleSoft Gateway software used by Webvan**), the delivery destination information includes one of at least one pre-arranged delivery points associated with a customer associated with the order but not pre-arranged by the customer [Paragraph 22];
- (b) generating a plurality of packaged goods associated with said order information (**devising a tote load-plan {to fulfill customer orders}**) [Paragraph 23];
- (c) grouping ones of the plurality of packaged goods having a common delivery destination (**totes are placed on dollies designated for particular geographic zones; trucks are organized by route**) [Paragraphs 30-31]; and

Art Unit: 3623

(d) assigning said groups of packaged goods to delivery vehicles based on said common delivery destinations **(orders are trucked to strategically located transfer stations where they are moved into vans that serve specific neighborhoods; totes are placed on dollies designated for particular geographic zones; trucks are organized by route)** [Paragraphs 14, 30-31].

As per claim 45, Webvan teaches the method of claim 43 further comprising ordering from at least one supplier goods associated with said plurality of customer orders **(Webvan sends purchase orders to harbringer.net, who takes that information, and provides fast and reliable communications with suppliers)** [Paragraph 47].

As per claim 46, Webvan teaches the method of claim 45 wherein said receiving order information and said ordering from at least one supplier occur within a 24 hour period **(customer can ask for next-day delivery; to ensure that inventory will be in the warehouse by the time the order is filled, Webvan sends purchase orders to harbinger.net, which takes that information and transmits it electronically {to suppliers})**, and said assigning said groups of package goods includes assigning said groups of packaged goods to delivery vehicles for delivery to said at least one pre-arranged delivery points during a pre-arranged timed period **{Stanford University has Webvan stops on campus and, for example, on Tuesdays between noon and 3:00,**

Art Unit: 3623

Webvan is at each Webvan stop with all the orders for people who live in that part of campus} [Paragraphs 12, 46, 47, 5B].

As per claim 53, Webvan teaches a method comprising:

(a) selecting a group of persons having a common characteristic associated with a region during a time interval **{Stanford University has Webvan stops on campus and, for example, on Tuesdays between noon and 3:00, Webvan is at each Webvan stop with all the orders for people who live in that part of campus}** [Paragraph 5B];

(b) establishing at least one selected delivery point in said region **{Stanford University has Webvan stops on campus and, for example, on Tuesdays between noon and 3:00, Webvan is at each Webvan stop with all the orders for people who live in that part of campus}** [Paragraph 5B]; and

(c) receiving orders for goods from ones of said group of persons for delivery to the delivery site for pickup by said ones of said group of persons during a pre-arranged time period of said time interval **(Stanford University students order from Webvan and then pick up their orders at pre-established points {at pre-arranged time periods such as on Tuesdays between noon and 3:00})** [Paragraph 5B].

As per claim 54, Webvan teaches a method for processing an order for goods, comprising:

Art Unit: 3623

(a) receiving an order for purchase of goods from a customer (**orders come into the WMS system via the PeopleSoft Gateway software used by Webvan**) [Paragraph 22]; and

(b) providing order information and destination information (**orders come into the WMS system via the PeopleSoft Gateway software used by Webvan**) to a goods aggregation system (**the Webvan order picking system; orders are picked, scanned and placed into totes**), the destination information including a pre-arranged delivery point being associated with a customer associated with the order but not pre-arranged by the customer [Paragraphs 16-30].

As per claim 55, Webvan teaches the method of claim 54 further comprising providing user interface information for communication with the customer (**orders come into the WMS system via the PeopleSoft Gateway software used by Webvan; the Descartes scheduling optimizer interfaces directly with the website**) [Paragraphs 22, 37].

As per claim 57, Webvan teaches an order center for processing an order for goods, comprising:

(a) a communication interface for receiving an order for purchase of goods from a customer (**orders come into the WMS system via the PeopleSoft Gateway software used by Webvan**) [Paragraph 22]; and

Art Unit: 3623

(b) an order processor for providing order information and destination information **(orders come into the WMS system via the PeopleSoft Gateway software used by Webvan)** to a goods aggregation system **(the Webvan order picking system; orders are picked, scanned and placed into totes)**, the destination information including a pre-arranged delivery point being associated with a customer associated with the order but not pre-arranged by the customer [Paragraphs 16-30].

As per claim 58, Webvan teaches the order center of claim 57 whereas the order processor provides user interface information via the communication interface for communication with the customer **(orders come into the WMS system via the PeopleSoft Gateway software used by Webvan; the Descartes scheduling optimizer interfaces directly with the website)** [Paragraphs 22, 37].

As per claim 60, Webvan teaches a distribution method comprising:

(a) receiving orders from ones of a group of purchasers for delivery to a delivery site associated with said group of purchasers and not pre-arranged with said group of purchasers **(orders come into the WMS system via the PeopleSoft Gateway software used by Webvan)** [Paragraph 22]; and

(b) transporting goods associated with said orders to said delivery site for pick-up by said ones of said groups of purchasers **(Webvan's core activity is selling and delivering grocery and non-prescription drug products; students order from**

Art Unit: 3623

Webvan and then pick up their orders at pre-established points) [Paragraphs 3, 5B].

As per claim 61, Webvan teaches a distribution method comprising:

(a) establishing an interface for the selection and ordering of goods **(orders come into the WMS system via the PeopleSoft Gateway software used by Webvan) [Paragraph 22];**

(b) establishing at least one selected collective delivery point that is convenient for a particular group of prospective purchasers and not pre-arranged with said group of purchasers **{Stanford University has Webvan stops on campus and, for example, on Tuesdays between noon and 3:00, Webvan is at each Webvan stop with all the orders for people who live in that part of campus} [Paragraph 5B];**

(c) taking orders from members of the group of purchasers **(orders come into the WMS system via the PeopleSoft Gateway software used by Webvan) for delivery to the delivery site during a pre-arranged time period [Paragraph 22]; and**

(d) delivering the orders by dedicated delivery mechanism to the delivery site for pick up by the customers during the pre-arranged time period **{Stanford University has Webvan stops on campus and, for example, on Tuesdays between noon and 3:00, Webvan is at each Webvan stop with all the orders for people who live in that part of campus} [Paragraph 5B].**

As per claim 62, Webvan teaches a distribution method comprising:

Art Unit: 3623

(a) receiving orders from ones of a group of purchasers (**orders come into the WMS system via the PeopleSoft Gateway software used by Webvan**) for delivery to a delivery site associated with said group of purchasers during a pre-arranged time period associated with said group of purchasers (**Webvan's core activity is selling and delivering grocery and non-prescription drug products; students order from Webvan and then pick up their orders at pre-established points. "We have Webvan stops on campus and, for example, on Tuesdays between noon and 3:00, we're there with all the orders for people who live in that part of campus."**), the delivery site being determined for availability to the group of purchasers using criteria other than residences of said ones of the group of purchasers **{Webvan stops on campus are at pre-established points and not customized to the individual residences of the group of purchasers}**, an order being for a purchaser and not for the association between the delivery site and said group of purchasers **{orders are sent to the WMS system; purchasers are clustered together into common pre-established points for convenience in pick-up}** [Paragraphs 3, 22, 5B]; and

(b) transporting goods associated with said orders to said delivery site for pick-up by said ones of said group of purchasers (**Webvan's core activity is selling and delivering grocery and non-prescription drug products; students order from Webvan and then pick up their orders at pre-established points**) [Paragraphs 3, 5B].

Claim Rejections - 35 USC § 103

7. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

8. Claims 15, 34, 36 and 44 are rejected under 35 U.S.C. 103(a) as being unpatentable over Jean Murphy's "Webvan: Rewriting The Rules On 'Last Mile' Delivery" (referred to hereafter as Webvan).

As per claim 15, Webvan does not explicitly teach the distribution system of claim 13 wherein the vehicle includes an identifier of an entity associated with the delivery site.

It has been admitted as prior art, as a result of improperly and/or untimely challenged Official Notice that it is old and well known in the art for vehicles to bear an identifier of an entity associated with a delivery site. Thus, it would have been obvious to one of ordinary skill in the art at the time of invention to modify the teachings of Webvan to include the step of providing delivery vehicles with an identifier associated with the delivery site, because the resulting combination would enhance the teachings of Webvan by providing a unique visual representation that is indicative of an authorization/agreement (such as a delivery or parking permit) between the company

Art Unit: 3623

and the entity associated with a delivery site (such as the property owner) that would enable the company to make deliveries at said delivery site, or, alternatively, may provide the company with a means of displaying the intended destination (the delivery site) to prospective customers, increasing customer awareness with the service region of the company, which may lead to an increase in customer interest and orders, or, alternatively, provide a cross-promotional means of advertising both the company and the entity associated with the delivery site.

As per claim 34, Webvan does not explicitly teach the distribution method of claim 33 wherein the allocating a transport vehicle includes selecting a transport vehicle from a group of transport vehicles of different storage volumes based on the volume of the groups of packaged goods.

It has been admitted as prior art, as a result of improperly and/or untimely challenged Official Notice that it is old and well known in the art to use transport vehicles with sufficient space to transport the items that comprise a customer's order. Thus, it would have been obvious to one of ordinary skill in the art at the time of invention to modify the teachings of Webvan to include the step of allocating transport vehicles based on a storage volume based on a volume of the groups of packaged goods, because the resulting combination would enhance the teachings of Webvan by enabling the company to transport all items of a customer's order together, avoiding the need for multiple transport vehicles to accommodate a single order, reducing the costs

Art Unit: 3623

associated with additional transport vehicles (fuel cost, fleet maintenance, personnel staffing requirements and costs, etc.) and also maximizing the number of transport vehicles available for assignment to other delivery regions/zones/areas.

As per claim 36, Webvan does not explicitly teach the delivery system of claim 35 wherein a transport vehicle is allocated to deliver ones of said groups based on a storage volume based on a volume of the groups of packaged goods.

However, it has been admitted as prior art, as a result of improperly and/or untimely challenged Official Notice that it is old and well known in the art to use transport vehicles with sufficient space to transport the items that comprise a customer's order. Thus, it would have been obvious to one of ordinary skill in the art at the time of invention to modify the teachings of Webvan to include the step of allocating transport vehicles based on a storage volume based on a volume of the groups of packaged goods, because the resulting combination would enhance the teachings of Webvan by enabling the company to transport all items of a customer's order together, avoiding the need for multiple transport vehicles to accommodate a single order, reducing the costs associated with additional transport vehicles (fuel cost, fleet maintenance, personnel staffing requirements and costs, etc.) and also maximizing the number of transport vehicles available for assignment to other delivery regions/zones/areas.

As per claim 44, Webvan teaches the method of claim 43 further comprising:

Art Unit: 3623

(b) processing return goods **{{when customers are not 100% satisfied with the quality of produce received, the next time the courier comes into the customer's home, the customer voice their dissatisfaction to the courier who can look it up and take that amount off the current bill}}** [Paragraph 7C].

Webvan does not explicitly teach the step of processing returned goods for shipment to the source of origin or restocking of return goods. However, it has been admitted as prior art, as a result of improperly and/or untimely challenged Official Notice that it is old and well known in the arts for returned goods to be restocked or returned to its source of origin. Thus, it would have been obvious to one of ordinary skill in the art at the time of invention to modify the teachings of Webvan to include the steps of processing return goods for shipment to source of return goods or restocking of return goods, because the resulting combination would enable a company to replace, refund, or repair items that customers are unsatisfied with, incorrectly sent, or defective, which enhance the teachings of Webvan by enabling companies to maintain or improve customer satisfaction and prolong relationships with existing customers.

Webvan does not explicitly teach (a) receiving return goods provided to the delivery vehicles at said common delivery destinations. However, it has been admitted as prior art, as a result of improperly and/or untimely challenged Official Notice that the step of returning goods to the selling company/merchant is old and well known in the art.

It has been admitted as prior art, as a result of improperly and/or untimely challenged Official Notice that returning goods at the delivery destination is equivalent to returning goods to a brick and mortar store, as said destination acts as an extension of the company's store. Further, it has been admitted as prior art that, since the delivery vehicle will inevitably return to a company-owned facility, any return goods provided to said delivery vehicle will expeditiously returned to the company for return/refund/replacement processing. Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to modify the teachings of Webvan to allow customers to return goods to delivery vehicles at delivery stations because the resulting combination would enhance the teachings of Webvan by saving customers the trouble of going to brick and mortar stores in order to return the goods, which in turn increases customer satisfaction, and also enables said returned goods to be expeditiously processed for return/refund/replacement.

9. Claims 39, 42, 56 and 59 are rejected under 35 U.S.C. 103(a) as being unpatentable over Webvan as applied to claims 37, 40, 54, and 57 above, and further in view of Peapod.

As per claim 39, Webvan does not explicitly teach the method of claim 37 further comprising receiving payment for said order from said customer.

However, Peapod enables payment for delivery to be made by check, charge, or Peapod Electronic Payment. Peapod also requires members to have a valid Discover Card, MasterCard, or Visa [pages 5, 9].

Both Webvan and Peapod are directed towards the analogous field of ordering groceries online for delivery. Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to modify the teachings of Webvan to include the step of receiving payment for an order from a customer, because the resulting combination enhances the teachings of Webvan by enabling the company to be compensated for the services they provide and the products they offer to customers.

As per claim 42, Webvan does not explicitly teach the order center of claim 40 further comprising a website manager for providing website information associated with catalog for goods to the customer.

However, Peapod provides members with access to over 20,000 grocery and drugstore items with the click of a computer mouse [page 3]. Peapod lets you view a picture and nutritional content before purchasing an item, and also enables the user to sort items by various criteria like price, price/unit, total calories, fat, protein, carbohydrates, cholesterol, sodium, and whether or not an item is Kosher [Page 5]. The Peapod software contains more than 18,000 available items, which are updated daily [Page 10].

Both Webvan and Peapod are directed towards the analogous field of ordering groceries online for delivery. Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to modify the teachings of Webvan to include the step of providing website information associated with catalog for goods to the customer, because the resulting combination would enhance the teachings of Webvan by enabling the company to alert members/users to price changes, product availability, sales, and nutritional information.

As per claim 56, Webvan does not explicitly teach the method of claim 54 further comprising receiving payment for said order from said customer.

However, Peapod enables payment for delivery to be made by check, charge, or Peapod Electronic Payment. Peapod also requires members to have a valid Discover Card, MasterCard, or Visa [pages 5, 9].

Both Webvan and Peapod are directed towards the analogous field of ordering groceries online for delivery. Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to modify the teachings of Webvan to include the step of receiving payment for an order from a customer, because the resulting combination enhance the teachings of Webvan by enabling the company to be compensated for the services they provide and the products they offer to customers.

As per claim 59, Webvan does not explicitly teach the order center of claim 57 further comprising a website manager for providing website information associated with catalog of goods to the customer.

However, Peapod provides members with access to over 20,000 grocery and drugstore items with the click of a computer mouse [page 3]. Peapod lets you view a picture and nutritional content before purchasing an item, and also enables the user to sort items by various criteria like price, price/unit, total calories, fat, protein, carbohydrates, cholesterol, sodium, and whether or not an item is Kosher [Page 5]. The Peapod software contains more than 18,000 available items, which are updated daily [Page 10].

Both Webvan and Peapod are directed towards the analogous field of ordering groceries online for delivery. Therefore, it would have been obvious to one of ordinary skill in the art at the time of invention to modify the teachings of Webvan to include the step of providing website information associated with catalog for goods to the customer, because the resulting combination would enhance the teachings of Webvan by enabling the company to alert members/users to price changes, product availability, sales, and nutritional information.

Conclusion

Art Unit: 3623

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Peter Choi whose telephone number is (571) 272 6971.

The examiner can normally be reached on M-F 8-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Tariq Hafiz can be reached on (571) 272-6729. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

PC

June 10, 2007

Beth Van Doren
Beth Van Doren
AU 3623
Primary Examiner